MEDIA PLAYER

USER GUIDE (BOX)

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1. Introduction

1.1. About the Product

The new 6-in-1 media player enhances your media presentation or advertising to be more convenient and brings the immediate enjoyment and entertainment to your life. The compact, dual slot design allows Compact Flash*[1] or IBM Micro drive to work concurrently with the Smart Media, Memory Stick, and Multimedia Card/Secure Digital card.

MPC110

MPC200

1.2. Features

Media player feature:

- Credit Card Style Remote Controller:

- Playable Format: MPEG1/2/4, JPEG, MP3

Type	Support Format
Picture	**JPEG** Baseline JPEG: maximum resolution is 5120*3840 Progressive JPEG: maximum resolution is 2048*1536
Audio	**MPEG1-Audio-Layer1**
	MPEG1-Audio-Layer2
	MPEG1-Audio-Layer3 (MP3)
Video	**MPEG1 (*.mpg, *.dat)**

[1] The Compact Flash card must be Removable Type.

MPEG2 (*.vob, *.mpg)

Support Format	
Video Data rate	1.0-10.0 Mbit/sec
VGA*[2] (MPC200 only)	640*480 60Hz
NTSC	720*480 or 704*480；29.97fps interlaced
PAL	720*576 or 704*576；25fps interlaced
Audio	MPEG1-Audio-Layer1 MPEG1-Audio-Layer2 MPEG1-Audio-Layer3 (MP3) ***Note :*** **The AC3/AAC-audio support is optional. When it is not enabled, this media player will only play video (no sounds) of the DVD (*.vob) or MPEG2 file contains AC3/AAC-audio. Besides, We strongly suggest you use CF card as media storage when playback MPEG2 video.**

MPEG4

DivX3.11/4.x/5.x (*.avi) **Xvid MPEG4** **MS MPEG4 V2/V3(*.avi)**

Note*:* We attached "How to get codec Information" in manual CD for your reference.

- Storage Capacity: Compact Flash card, IBM Micro Drive, SM/ MMC/ SD/ MS card
- Playback Functions: Play, Stop, Pause, Repeat, Previous/Next Track, Mute, Rotate, Interval Time, Play List and Media Classification
- Audio: Stereo output 2W
- Environmental: Operating temperature: 0 C to 50 C; Relative humidity: 5%-95%, non-condensing

1.3. Notice

- Do not use abrasive cleaners, waxes or solvents for cleaning, use only a dry or damp, soft cloth.
- Use only with a high quality, safety-approved, AC/DC power adapter.

1.4. Check List

Before using this media player, please make sure that all the items listed below are present in your package

Accessory	Quantity
Media Player unit	1
DC Adapter	1
AV-RCA Cable	1
S-Video Cable	1
Audio Cable	1
Remote Control with 3V battery	1

[2] You can switch between Video and VGA output by pressing the latch switch next to VGA connector. Note that you must reboot the MPC device after output switch.

User Manual CD	1

If any item is missed or damaged, please contact your dealer immediately.

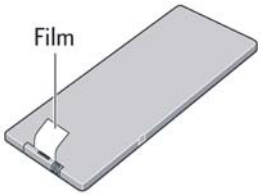
2. Playing System

2.1. Install Battery in the Remote Control

Insert the battery and match the (+) and (-) on battery to the marks inside the battery compartment.

First-time use:

Remember to remove the insulating mylar piece form the battery.



Service life of battery:

1. The battery normally last for about one year although this depends on how often and for what operations the remote control is used.
2. If the remote control unit fails to work even then it's operated near the player, please replace the battery.
3. Use a 3V lithium battery.

2.2. To Plug in and Switch on

1. Connect the power cord to the AC adapter.
2. Plug the power connector into the DC IN jack on the rear of the Media Player.
3. Plug the other end of the power cord into a wall power outlet.
   - The supplied AD adapter is compatible with 100~240V AC power so that it can be used almost anywhere in the world (thought you may need a plug adapter).
4. You can press on the remote control to put the Media Player into standby. Pressing again can switch back on.
5. Please connect this Media Player to power and connect it to outer equipments.

   ***Note**:* If connect it to outer equipment:

   Press on the power button of the TV set, and select "video" or "S-video" as the TV input.

   Press on the power button of the stereo system if the Media Player has been connected to a stereo system.

   Push the AV/S-video out/in slide switch to AV/S-video out.

2.3. To Insert Cards

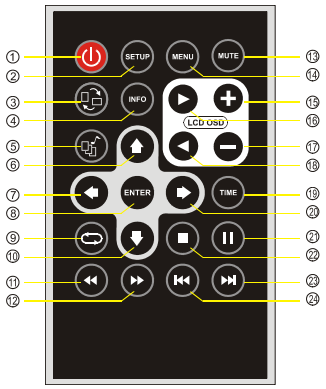
Push the card slide into Media Player connector.

This Media Player supports 6 types of flash memory card:

- Compact Flash Card (CF)
- Secure Digital Card (SD)
- Smart Media Card (SM)
- Multi-Media Card (MMC)
- Memory Stick (MS)
- IBM Micro Drive

Make sure that the card clicks into card slot properly. If the card has one or more kinds of data recorded on it, a menu screen will appear on the screen.

2.4. Remote controller pad Instruction



1	POWER ON/OFF	To switch on/off
2	MEDIA PLAYER SETUP	To enter media player setup menu
3	ROTATE	To rotate the photo
4	INFORMATION/ FOLDER MENU	To view information of the Photo/Music/Video To call folder menu (under file library page)
5	START SLIDE SHOW WITH MUSIC	To play the video frame one at a time (when pausing video) To start photo slide show with music (under photo page)
6	MOVE UP	To move upward in media player menu
7	MOVE LEFT	To move leftward in media player menu
8	PLAY/SELECT	To start playback or confirm selection in media player menu
9	REPEAT	To repeat playback
10	MOVE DOWN	To move downward in media player menu
11	F.BWD	To reverse the playback
12	F.FWD	To advance the playback
13	MUTE	To mute while playback
14	MENU	To select the media player menu options
15	VOL. UP	To increase the volume
16	ZOOM IN	Press to zoom in the Photo
17	VOL. DOWN	To decrease the volume
18	DISPLAY TRANSITION	Press to change interval special-effect of photo slide show
19	INTERVAL TIME	To set interval time between Photos
20	MOVE RIGHT	To move rightward in media player menu
21	PAUSE/RE-START	To pause/re-start the playback
22	STOP	To stop the playback
23	NEXT PLAYBACK	To skip to next Photo/Music/Video
24	PREVIOUS PLAYBACK	To skip to previous Photo/Music/Video

2.5 Appearance
Background of start-up

If no media files are stored in the memory card or no memory card is inserted, the background of media player will appear to be solid black.

Note:

The start-up screen can be customized upon customer's request.

2.6. Operations for Media Player playback **(** means default value)**
2.6.1. Setup

Press SETUP to enter **SETUP MENU – MAIN PAGE** screen.

Photo setup:

Press ▲▼ to select **PHOTO SETUP** and press ▶ to enter **SETUP MENU – PHOTO** screen.

THUMBNAIL DIGEST	press ▶ and ▲▼ to select thumbnail digest acceleration function and then press ▶ to implement. This function will accelerate but decrease resolution of thumbnail digest.	● **ON** ** is to implement thumbnail digest acceleration function ● **OFF** is to turn off thumbnail digest acceleration function.
TRANSITION MODE	press ▶ and ▲▼ to select transition mode and then press ▶ to implement. This function will change transition effect speed	● **FAST** ** is to implement transition effect in fast speed. ● **SLOW** is to implement transition effect in low speed.
ORIENTATION	press ▶ and ▲▼ to select orientation function and then press ▶ to implement. This function will automatically rotate the pictures based on the orientation information in the Exif header(data in JPEG file).	● **DEFAULT** ** is to implement orientation function. ● **IGNORE** is not to rotate the picture.

DIGEST STYLE	press ▶ and ▲▼ to select thumbnail matrix type and then press ▶ to implement.	● **2X2 Matrix** is to show thumbnail in 2x2 matrixes. ● **3X3 Matrix** ** is to show thumbnail in 3x3 matrixes. ● **4X4 Matrix** is to show thumbnail in 4x4 matrixes. ● **5X5 Matrix** is to show thumbnail in 5x5 matrixes.

** Default value

Press ◀ and select **MAIN PAGE**, and then press ▶ to back to **SETUP MENU – MAIN PAGE** or press SETUP to turn off **SETUP MENU screen**.

Music setup:

Press ▲▼ to select **MUSIC SETUP** and press ▶ to enter **SETUP MENU – MUSIC** screen.

REPEAT MODE	press ▶ and ▲▼ to select music repeat mode and then press ▶ to implement.	● **ONE** is repeat one song ● **ALL** ** is to repeat whole songs ● **OFF** is to turn off repeat.

** Default value

Press ◀ and select **MAIN PAGE**, and then press ▶ to back to **SETUP MENU – MAIN PAGE** or press SETUP to turn off **SETUP MENU** screen.

Movie setup:

Press ▲▼ to select **MOVIE SETUP** and press ▶ to enter **SETUP MENU – MOVIE** screen. Then press ▲▼ to select preferred function.

REPEAT MODE	press ▶ and ▲▼ to select video repeat mode and then press ▶ to implement.	● **SINGLE** is to repeat one. ● **ONE LOOP** is to repeat one loop. ● **CONTINUOUS** ** is to repeat continuously whole videos.
DIGEST STYLE	press ▶ and ▲▼ to select thumbnail matrix type and then press ▶ to implement. (optional function)	● **2X2 Matrix** is to show thumbnail in 2x2 matrixes. ● **3X3 Matrix** ** is to show thumbnail in 3x3 matrixes. ● **4X4 Matrix** is to show thumbnail in 4x4 matrixes.

		● **5X5 Matrix** is to show thumbnail in 5x5 matrixes.

** Default value

Press ◀ and select **MAIN PAGE**, and then press ▶ to back to **SETUP MENU – MAIN PAGE** or press SETUP to turn off **SETUP MENU** screen.

Slide show setup:

Press ▲▼ to select **SLIDE SHOW SETUP** and press ▶ to enter **SETUP MENU – SLIDE SHOW** screen. Then press ▲▼ to select preferred function.

SLIDE SHOW MODE	press ▶ and ▲▼ to select slide show mode of photo and then press ▶ to implement:	● **MANUAL** is to display next photo by pressing ▶ or ⏭ ● **AUTO** ** is to display next photo automatically.
FOLDER REPEAT	press ▶ and ▲▼ to select folder repeat mode and then press ▶ to implement.	● **ON** ** is to repeat photos of whole folder ● **OFF** is to turn off repeat.
INTERVAL TIME	press ▶ and ▲▼ to select interval time between photos and then press ▶ to implement.	● There are four modes to select: 1/3/5/10 seconds. ● Default is 3 seconds
TRANSITION	press ▶ and ▲▼ to select special effect of photo transition and then press ▶ to implement.	● There are 13 modes to select.*[1] ● Default is Cross Fade
AUTO START	press ▶ and ▲▼ to select slide show auto start and then press ▶ to implement.	● **ON** ** is to start slide show automatically after turning on power. ● **OFF** is to turn off slide show auto start.

** Default value

Note:

Play list is complied by the sequence of the file names in the memory card (types of file do not influence the sequence). Please modify the file names to the sequence to meet you need. A sample play list as below table:

Auto Play Sequence of Memory Card	CF / Micro Drive	SD / MMC / MS	SM
Files in Memory Card	01_XXXXX 02_XXXXX 03_XXXXX	01_XXXXX 02_XXXXX 03_XXXXX	01_XXXXX 02_XXXXX 03_XXXXX

Press ◀ and select **MAIN PAGE**, and then press ▶ to back to **SETUP MENU – MAIN PAGE** or press SETUP to turn off SETUP MENU screen.

[1] Available transition mode:

FULL SCREEN	**TOP -> BOTTOM**	**T/B -> CENTER**	**CENTER -> T/B**
BLIND: T -> B	**LEFT -> RIGHT**	**RIGHT -> LEFT**	**L/R -> CENTER**
IMPLODE	**BLIND: L -> R**	**CROSS FADE**	**RANDOM**

Preferences setup:

Press ■ the stop the playback and press MENU to back to menu OSD. Enter the FILE folder, then press SETUP and press ▲▼ to select **PREFERENCES** and press ▶ to enter **--PREFERENCES PAGE--** screen. Then press ▲▼ to select preferred function.

Note:

You may only modify the setting of Preferences when a memory card is not inserted in the card slot.

TV TYPE	● press ▶ and ▲▼ to select television type and then press ▶ to implement. This Media player supports NTSC, PAL and MULTI.** SYSTEM.
VIDEO OUTPUT	● press ▶ and ▲▼ to select television output mode and then press ▶ to implement. This Media player supports S-Video**, YPBPR and RGB.
OSD LANG	● press ▶ and ▲▼ to select preferred language and then press ▶ to implement. This Media Player supports English** and Traditional Chinese.
OSD MESSAGE	● press ▶ and ▲▼ to select OSD message on or off** while playback and then press ▶ to implement.

SETUP VALUES	● You may re-set the previous settings in custom setup to the default setting. Press ▶ and ▶ to reset all custom preferences*.

** Default value

[2] Media Type along with its firmware version

Media Type	**Current Firmware version**
Box only (MPEG1/2/4)	DEFAULT VCxx

means version

Press ◀ and select **MAIN PAGE**, and then press ▶ to back to **SETUP MENU – MAIN PAGE** or press SETUP to turn off **SETUP MENU** screen.

Exit setup:

Press ▲▼ to select **EXIT SETUP** and press ▶ or press SETUP to turn off **SETUP MENU** screen.

2.6.2. Menu Select

Press MENU and menu screen will appear.

Press ▲▼ to select card if multi cards inserted.

Press ◀▶ to select PHOTO/MUSIC/VIDEO/FILE page and press ▶ to enter.

Note:

No matter on what kind of screen, press MENU will stop playback and return to the root menu screen.

If no card inserted, the display will appear “NO MEDIA DETECTED”.

When ✋ appears while a button is being operated, it means that correspond operation is prohibited by the Media Player.

2.6.3. Playback

On PHOTO/MUSIC/VIDEO/FILE page, press ▲▼◀▶ to select preferred data and then press ▶ to start playback.

Note:

▶ is defined as enter key.

● On PHOTO page, press ⏯ will start playback of photo with music if MP3 data contented in card.

- When playing video, press will play the video frame one at a time.(optional function)
- Adjust the volume: using the remote control or OSD board button -/+.

This Media player supports only JPEG-PHOTO, MP3-MUSIC and MPEG1, 2, 4–VIDEO format.

2.6.4. Pause

Press once during playback to pause the slide show/music/video. To return to normal playback just need to press .

Note: Pause key is defined as Play/ Pause key which toggle between those two functions.

2.6.5. Stop

Press to stop playback.

Note*:*

When slide show playing, press and the Media player will bookmark this stopping point of these photos contented in the card. Press will start playback from the last stopping point.

2.6.6. Mute the Media Player

Press button during playback.

When “MUTE” appears on the screen, this Media player is mute. To resume the sound, press the mute button until “MUTE OFF” appears on the screen.

2.6.7. Next or Previous

On PHOTO/MUSIC/VIDEO/FILE page, press / for switch to next/previous page.

When playing photo slide show/music/video, press or will switch to next item and press or will switch to previous item.

2.6.8. Rapid Advance or Reverse

Press or during playback.

Press or to resume normal playback.

2.6.9. Information

Under PHOTO/MUSIC/VIDEO page, press to display the information of the playback.

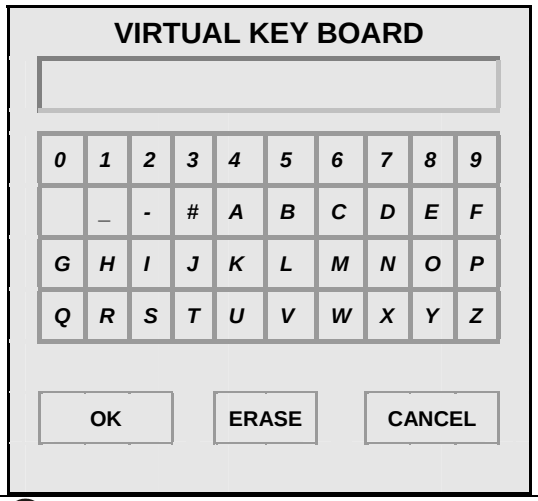
Photo information: file name, file size, resolution and date

Music information: elapsed time, file name, artist, total time, format of music type and equalizer.

Video information: elapsed time, file name, file size, total time, file created date.

2.6.10. File Modification

Under FILE page, press INFO and a dialog with modification will pop up on the screen.

COPY	Press ▲▼ to select COPY and then press ▶ to enter COPY MODE. Press ▲▼ to select media file and press ▶ to confirm copy. (Pressing ▶ can move target right to memory card column and press ▲▼ to change objective memory card or sub-folder.) Press ■ to exit COPY MODE.
DELETE	Press ▲▼ to select DELETE and then press ▶. Select YES and press ▶ to confirm delete.
RENAME	Press ▲▼ to select DELETE and then press ▶ to enter VIRTUAL KEYBOARD. Press ▲▼◀▶ and ▶ to key-in preferred file name. Select [OK] and press ▶ to finish rename. 
NEW FOLDER	Press ▲▼ to select NEW FOLDER and then press ▶ to enter VIRTUAL KEYBOARD. Press ▲▼◀▶ and ▶ to key-in preferred folder name. Select [OK] and press ▶ to finish naming new folder.

PROPERTIES (Details of media file)	Press to select PROPERTIES and then press to show details of this media file. Press to exit PROPERTIES.

2.6.11. Rotate

When playing playback of photo, press once to rotate the photo 90 degree clockwise.

2.6.12. Interval Time

When playing playback of photo, press once to set interval time between photos.
The time of display interval (1, 3, 5, 10 sec.) changes with each press on the button.

2.6.13. Repeat Viewing

Press to repeat during playback.
Press once: REPEAT ON
Press twice: REPEAT OFF (repeat cancelled)

***Note**:*

You can select repeat mode in SETUP MENU—SLIDE SHOW/ MUSIC/ VIDEO

2.7 To Take out the cards

1. If the playback is playing, press to stop it.
2. Take out the card.

3. Troubleshooting

Before requesting service for this Media Player, check the chart below for a possible cause of the problem you are experiencing. Some simple checkups or a minor adjustment on your part may eliminate the problem and restore proper operation.

Mute, Volume control, Fast Forward under FILE menu	● File menu is for previewing only; therefore, all control functions, such as volume and mute, will not work unless enter key is pressed to get into a play mode.
No power	● Insert the power plug securely into the power outlet. ● Check if the on/off button on the right of the Media Player is set to on. ● Check if no power at the AC outlet by plugging in another appliance for a test.
The Media Player does not start playback when play is pressed	● Condensation has formed: wait about 1 to 2 hours to allow the Media Player to dry

	out. Check if the Media Player is defective by trying another card.
The Media Player starts playback but stops immediately	● The card may be dirty and may require cleaning. ● Ensure that the card is installed with proper situation position.
No picture	● Ensure that the equipment is connected properly. ● Check if outer equipment is on.
No sound	● Ensure that the equipment is connected properly. ● If using a hi-fi amplifier, try another sound source. ● Check the volume adjustment. ● Check the audio format, AAC and AC3 audio codec are not supported.
Distorted sound	● Ensure that the input settings for stereo system are proper. ● No sound is heard during still picture (pause).
No audio at digital output	● Check the digital connections. ● Check if the audio format of the selected audio language matches your receiver capabilities.
Picture is distorted during rapid advance or rapid reverse	● The picture will be somewhat distorted at times: this is normal.
No rapid advance (or rapid reversed) playback	● Some video may have sections that prohibit rapid advance (or rapid reverse).
No operations perform with the remote control	● Check the battery is installed with the correct polarities (+and-). ● The battery is depleted: replace them with new ones. ● Point the remote control unit at the remote control signal sensor and operate. Operate the remote control unit at a distance but no more than 7 meters from the remote control signal sensor. ● Remove the obstacles between the remote

	control unit and remote control signal sensor.
No key operation (by the Media Player AC power and / or the remote control) is effective	● Turn the unit off and then back to on. Alternatively, turn off the unit, disconnect the cord and then re-connect it. (The player may not be operating properly due to lightning, static electricity or some other external factor.)

3.1 Known Issues

Issue 1: When a movie is playing and press fast forward, the following movie will play at the normal speed but without sound.

Issue 2: Under **MUSIC** selection menu the Next/Back chapter key becomes stop key.